

AMENDMENT UNDER 37 C.F.R. § 1.111

Appln. No.: 10/667,500

IN THE SPECIFICATION:

Please delete the third full paragraphs on page 1 and replace with the following:

In general, tape recorders such as VCRs and camcorders are provided with a head drum assembly that is mounted for high-speed rotation. This enables information to be recorded and reproduced by the scanning of a magnetic head in relation to a magnetic tape. As shown in FIG. 1, which is a cross-sectional schematic view of a head drum assembly, the head drum assembly comprises: a rotary drum 10, which rotatably supports a magnetic head H for recording and reproducing information by scanning a running magnetic tape; a fixed drum 20, which is press-fitted onto a lower part of a shaft 30 engaged in a central axial bore of the rotary drum 10; a motor stator 50 mounted in the fixed drum 20; and a motor rotor 40 mounted opposite to the motor stator 50 and engaged with the rotary drum 10. In the drawing, reference numeral 60 indicates a bearing for supporting the rotary drum 10 to-for rotation in relation to the shaft 30.

Please delete the seventh full paragraphs on page 3 and replace with the following:

Referring to FIG. 3, the head drum assembly 100 of a tape recorder according to an embodiment of the present invention comprises: a rotary drum 110, which rotatably supports a magnetic head H for recording and reproducing information by scanning a running magnetic tape; a fixed drum 120 press-fitted onto the lower part of a shaft 130 engaged in a central axial bore of the rotary drum 110 parallel to the rotary drum 110; a motor stator 150 provided in the fixed drum 120; and a motor rotor 140 provided opposite to the motor stator 150. The motor rotor 140 is connected to the rotary drum 110, and a rotor case 141 of the motor rotor 140 is

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directly bonded to an outer circumferential surface of the rotary drum 110. A bearing 160 supports the rotary drum 110 for rotation in relation to the shaft 130.

Please delete the first full paragraphs on page 4 and replace with the following:

In addition, because a predetermined gap is formed between the magnet yoke 151 and the stator coil 152 provided in the motor stator 150, a head drum assembly built in accordance with an embodiment of the present invention, -does not require the spacer 53 (see FIG. 1) used in the conventional construction. Since the spacer 53 is eliminated, its bonding step can be removed, whereby the manufacturing steps and costs are reduced.

Please delete the third full paragraphs on page 4 and replace with the following:

Consequently, it becomes possible to remove the rotor bush 41 and the spacer 53 from the component list in a head drum assembly of a tape recorder built in accordance within an embodiment of the present invention. ,Further, the manufacturing steps involving those parts can be eliminated. Thus, the cost of manufacturing the head drum assembly can be subsequently reduced. As described above, a head drum assembly of a tape recorder built in accordance with an embodiment of the present invention can be assembled with less components and reduced manufacturing steps. Thus, assembling the head drum assembly is easier and the cost of manufacturing is lower.